FIG. 1

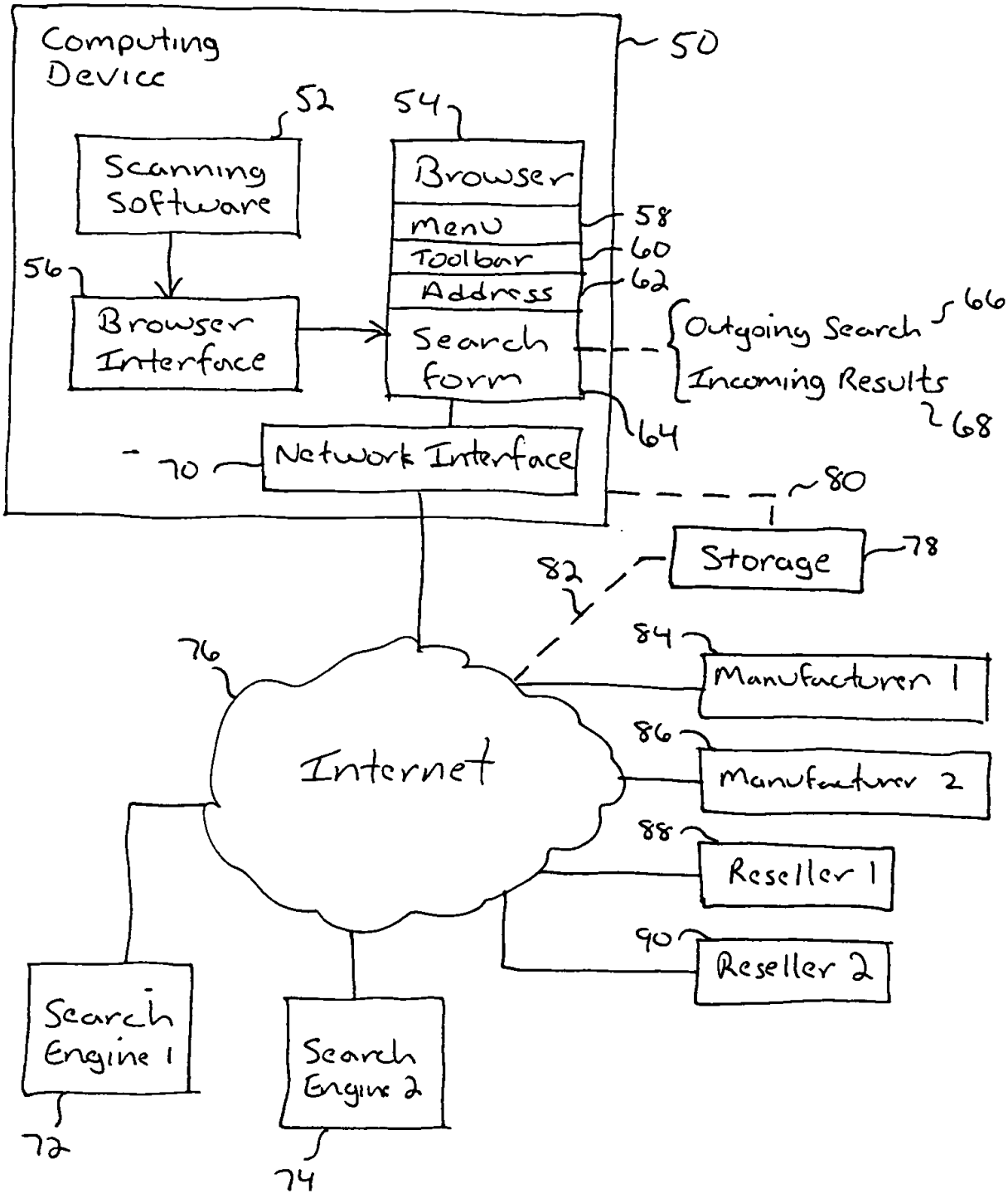

Computing Device
50
52
Scanning Software
54
Browser
menu
58
Toolbar
60
Address
62
56
Browser Interface
Search form
66
Outgoing Search
Incoming Results
68
64
70
Network Interface
80
Storage
78
82
84
Manufacturer 1
76
Internet
86
Manufacturer 2
88
Reseller 1
90
Reseller 2
Search Engine 1
Search Engine 2
72
74

FIG. 2

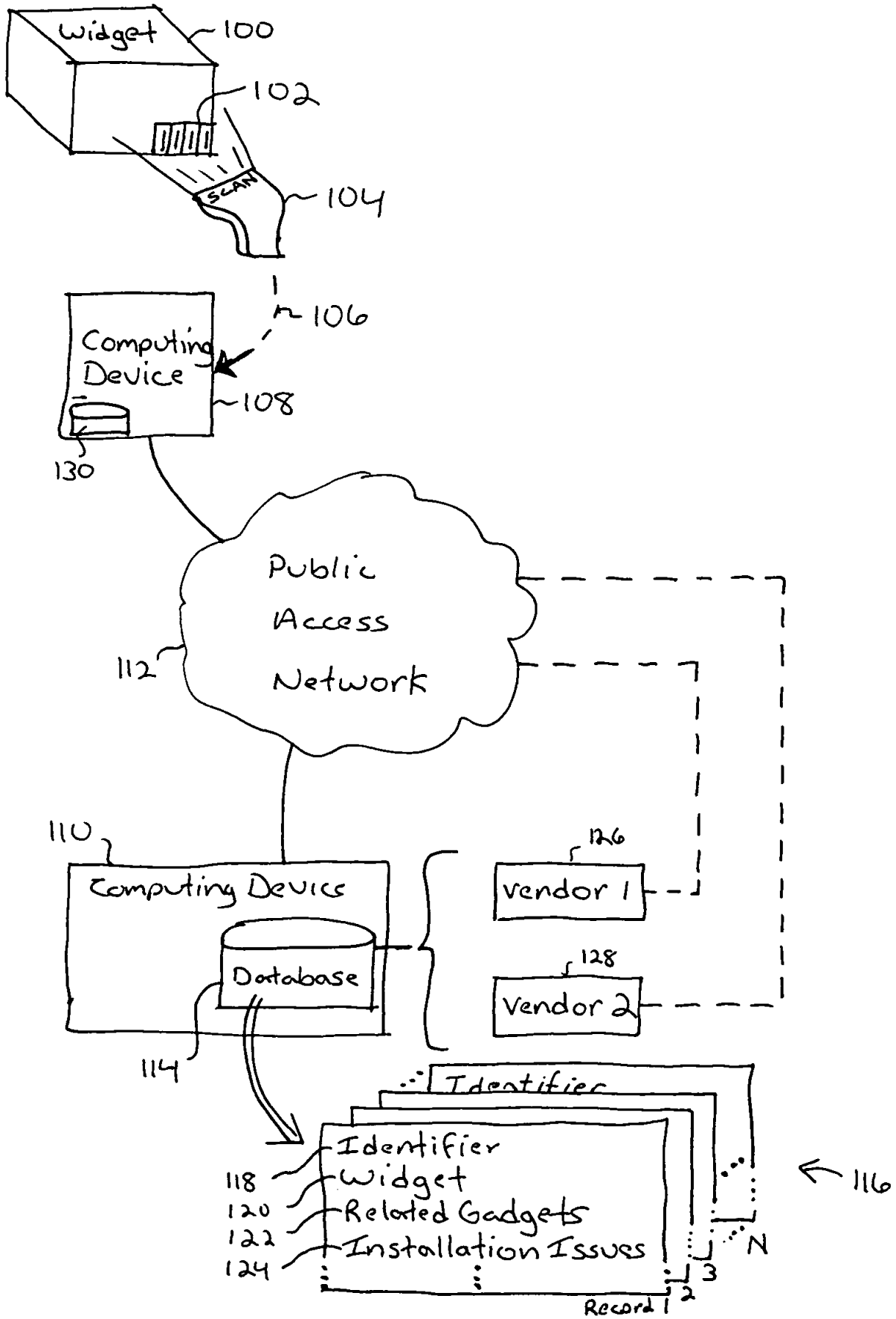

Widget
100
102
SCAN
104
106
Computing Device
108
130
Public Access Network
112
110
Computing Device
126
Vendor 1
128
Vendor 2
Database
114
Identifier
Identifier
Widget
Related Gadgets
Installation Issues
118
120
122
124
116
N
3
2
Record 1

Fig. 3

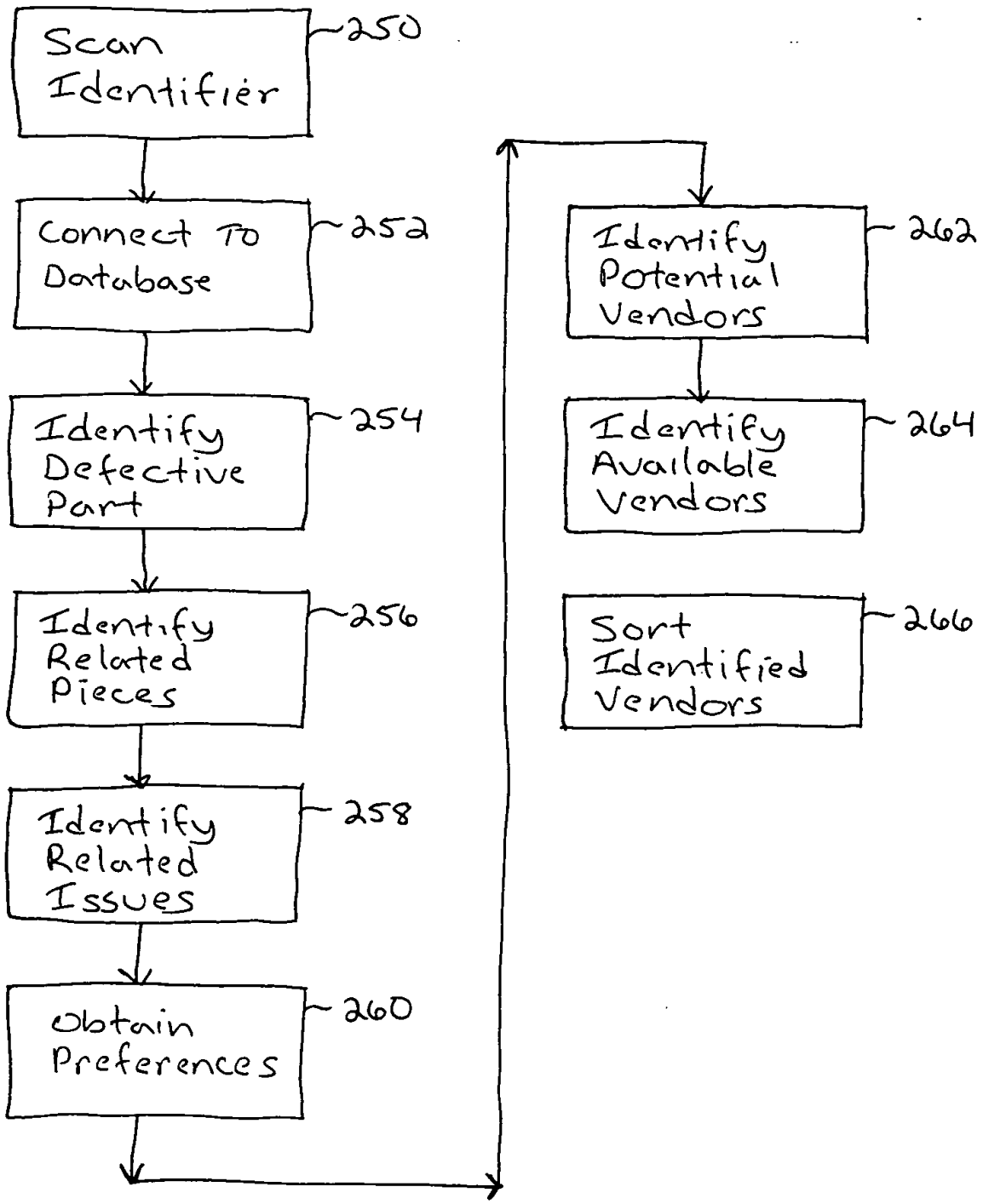

Scan Identifier
250
Connect To Database
252
Identify Defective Part
254
Identify Related Pieces
256
Identify Related Issues
258
Obtain Preferences
260
Identify Potential Vendors
262
Identify Available Vendors
264
Sort Identified Vendors
266

FIG. 4

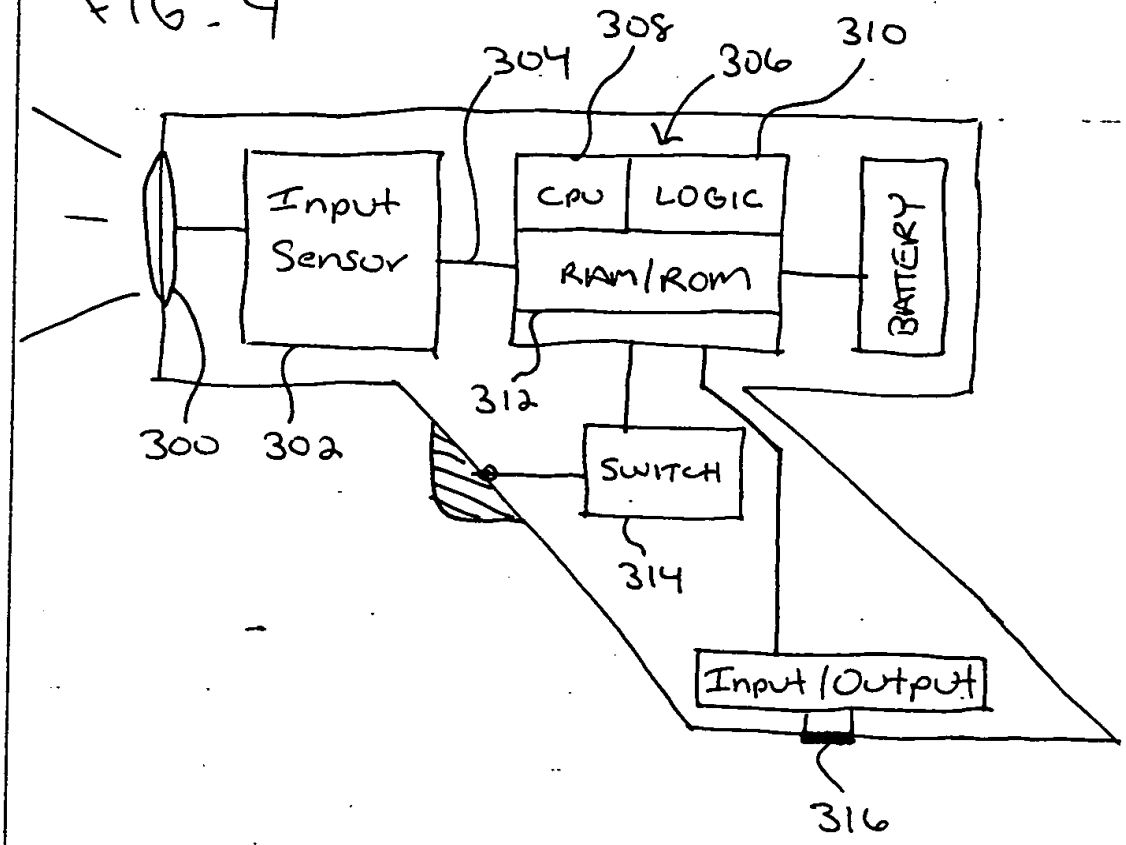
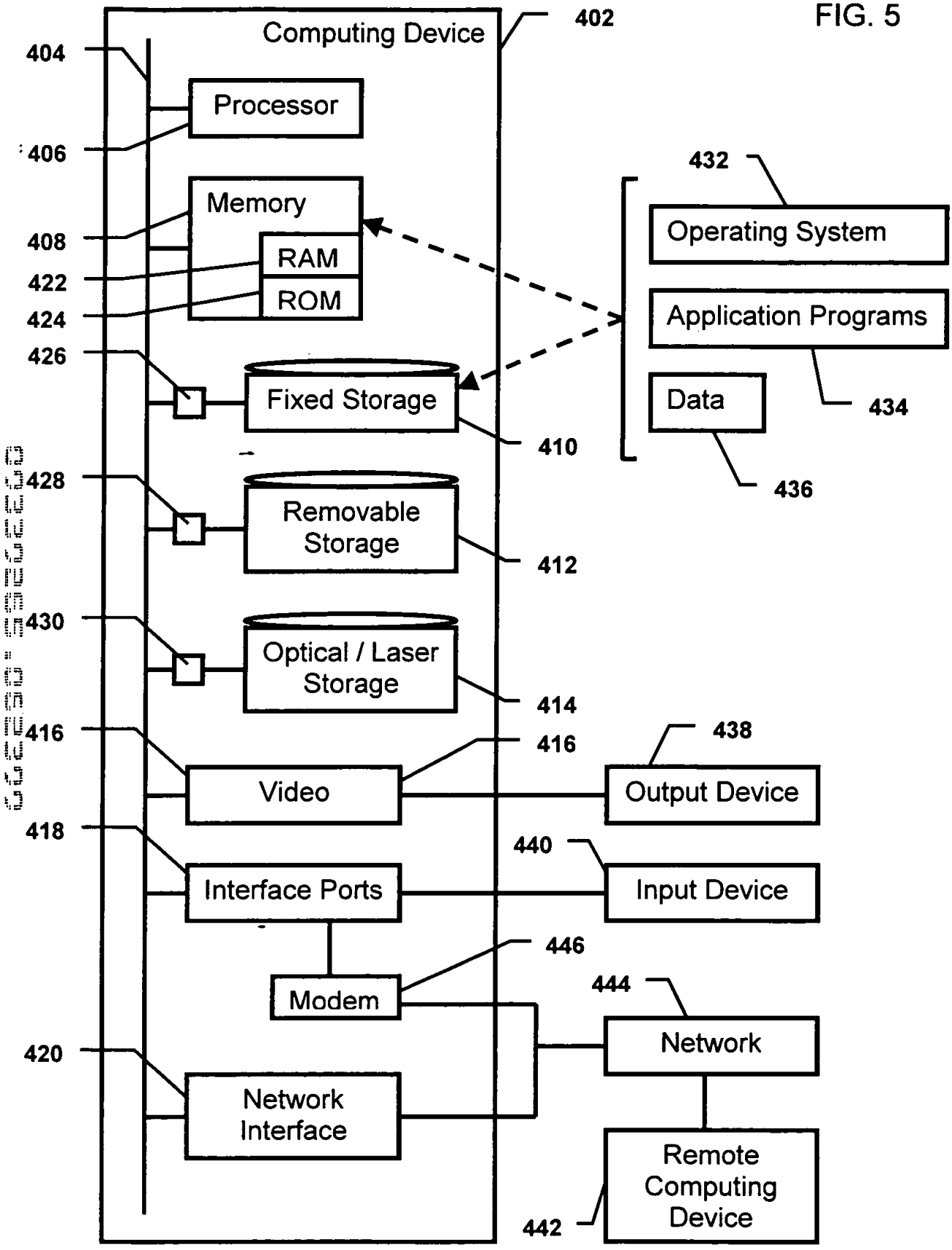

304
308
306
310
Input Sensor
CPU
LOGIC
RAM/ROM
BATTERY
312
300
302
SWITCH
314
Input/Output
316

FIG. 5


Computing Device
402
404
Processor
406
Memory
408
RAM
422
ROM
424
426
Fixed Storage
410
428
Removable Storage
412
430
Optical / Laser Storage
414
416
Video
416
418
Interface Ports
420
Network Interface
Modem
446
444
Network
Remote Computing Device
442
432
Operating System
Application Programs
Data
434
436
438
Output Device
440
Input Device